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CPY - TOKE

DC - G06 L03 T03 W04

FS - CPI;EPI

IC - G11B7/24 ; G11B11/10

MC - G06-A08 G06-C06 G06-D07 L03-G04B

- T03-B01 T03-D01 W04-C01 W04-D01A

PA - (TOKE) TOSHIBA KK

PN - JP1112547 A 19890501 DW198923 004pp

PR - JP19870269231 19871027

XA - C1989-075586

XIC - G11B-007/24 ; G11B-011/10

XP - N1989-129645

AB - J01112547 Medium consists of a transparent base material, an optical recording film, and a protective film comprising an oil retaining layer and hydrophobic oil layer.

- The oil retaining layer is pref. made from an organic material made by plasma polymerisation, a radiation curable resin or UV curable resin. The oil retaining layer is prepd. from e.g. hydrocarbon such as methane, ethane, propane, etc., and has e.g. 0.001-0.1 micron surface roughness (Ra). The hydrophobic oil layer is made from e.g. perfluoroalkyl ester, perfluoroalkyl alcohol, perfluoroalkyl polyether or perfluoroalkyl carboxylic acid.

- ADVANTAGE - The protective film has no pinholes, so the optical recording medium has good moisture resistance, good corrosion resistance and good durability.(1/2)

IW - OPTICAL RECORD MEDIUM COMPRISE TRANSPARENT BASE OPTICAL RECORD FILM PROTECT FILM

IKW - OPTICAL RECORD MEDIUM COMPRISE TRANSPARENT BASE OPTICAL RECORD FILM PROTECT FILM

NC - 001

OPD - 1987-10-27

ORD - 1989-05-01

PAW - (TOKE) TOSHIBA KK

TI - Optical recording medium - comprising transparent base, optical recording film and protective film